

XIII. *On three remarkable new genera of Microlepidoptera.*

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[Read March 1st, 1905.]

PYRALIDÆ.

CHRYSAUGINÆ.

Genus *PACHYPODISTES*, nov.

Proboscis aborted ; palpi not projecting beyond frons and very thickly clothed with hair ; maxillary palpi absent ; frons with thick tuft of hair ; antennæ ciliated ; legs of male thickly clothed with hair, the fore tarsi fringed with hair, the mid and hind tarsi with immense tufts of hair on upper-side, the spurs absent, female with the tibiæ and tarsi smoothly scaled and very much swollen, the tarsal joints indistinct, the spurs absent ; abdomen very long, especially in female where the anal segment is twice the length of the others. Fore-wing with the costa concave and the apex produced upwards, especially in male, the termen strongly excurved ; vein 3 from angle of cell ; 4-5 stalked in male, approximated for some distance in female ; the upper angle of cell produced, especially in male, 6 from angle in male, in female shortly stalked with 7, 8, 9, 10 ; 11 from cell. Hind-wing with the inner angle thickly clothed with hair ; vein 3 from angle of cell ; 4, 5 stalked in male, approximated for some distance in female ; 6, 7 stalked, 7 anastomosing with 8.

The genus is best placed in the *Chrysauginæ* in spite of the absence of proboscis.

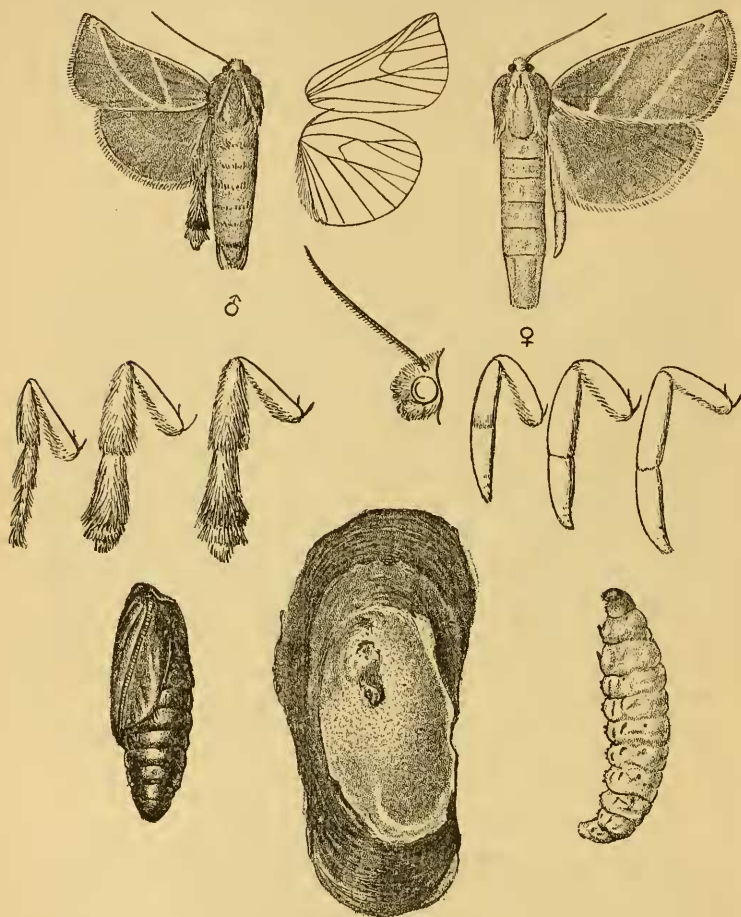
Pachypodistes goeldii, n. sp.

♂. Head and thorax greyish-ochreous mixed with fuscous-brown ; patagia dull vinous-red irrorated with grey and edged with ochreous ; hind tarsi tinged with vinous-red, the fringe of hair dark brown at tips ; abdomen ochreous-brown, the ventral surface tinged with vinous-red. Fore-wing vinous-red irrorated with greyish-ochreous especially on costa and inner margin ; an oblique grey antemedial line joined at inner margin by a very obliquely curved line from costa near apex below which it is slightly angled ; cilia brownish-ochreous. Hind-wing vinous-red irrorated with greyish-ochreous,

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an indistinct very obliquely curved postmedial greyish line ; cilia brownish-ochreous ; the inner margin clothed with long brownish hair.

♀. Wings much brighter vinous-pink ; fore-wing with the post-



Pachypodistes goeldii, $\frac{1}{2}$

medial line oblique, not curved and well separated from the ante-medial line at inner margin.

Larva a whitish stoutly-built grub with red-brown head, evidently an internal feeder. *Cocoon* red-brown, flattened, bivalvular, formed

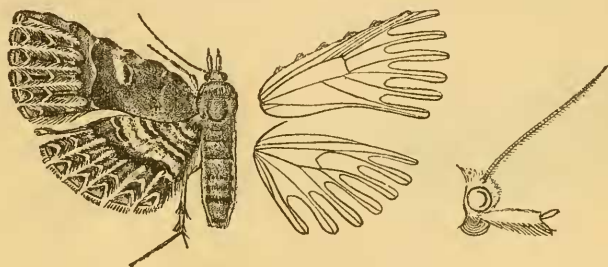
in layers and rather resembling a mussel-shell, probably attached to bark or between leaves.

Hab. AMAZONS, Pará (Goeldi), 1 ♂, 2 ♀, larva, pupa and cocoons. Exp. ♂ 38, ♀ 50 mm. Type in B. M.

ORNEODIDÆ.

Genus TRISCÆDECIA, nov.

Proboscis fully developed; palpi with the 2nd joint porrect about twice the length of head and broadly fringed with hair below, the 3rd oblique, moderate; antennæ of male ciliated; tibiæ with projecting tufts of hair at the spurs. Fore-wing divided into six plumes to rather more than one-third length; the costa with six tufts of scales; the scaling rough; vein 3 from well before angle of cell;



Triscædecia dactyloptera, ♂ ♀.

4-5 from angle; 6 from below upper angle; 7-8 stalked; 9, 10, 11 from cell. Hind-wing divided into seven plumes to half length; veins 3-4 from angle of cell; 5 absent; 6-7 from upper angle; 8 free, from base.

This is the third known genus of the family, the others being *Orneodes*, Latr., and *Pælia*, Wlk.

Triscædecia dactyloptera, n. sp.

♂. Head, thorax and abdomen clothed with whitish, pale brown and black scales; antennæ and legs mixed with whitish; abdomen with diffused blackish bands. Fore-wing clothed with greyish, pale brown and black scales; the costa with whitish spots between the black tufts of scales; the cell with small black lunules followed by whitish spots at middle and extremity; traces of a diffused oblique whitish band from lower angle of cell to inner margin; an indistinct slightly waved whitish postmedial line; the plumes with

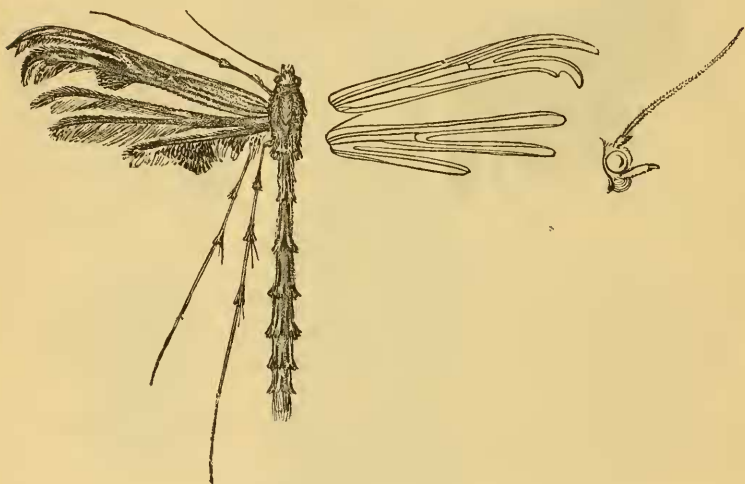
white spots at base and subterminal and terminal series of white lunules. Hind-wing with the basal half white with diffused irregular black antemedial and two medial lines on it, the 1st of the medial lines arising from a discoidal bar; a slightly waved whitish post-medial line; the plumes with white spots at base and subterminal and terminal series of white lunules.

Hab. CEYLON, Maskeliya (J. Pole), Ohiya (Gossage).
Exp. 26 mm. Type in B. M.

PTEROPHORIDÆ.

Genus TITANOPTILUS, nov.

Proboscis fully developed; palpi porrect, slender, projecting about the length of head; antennæ with the shaft roughly scaled, the basal joint with large tuft; fore femora with tuft of scales near



Titanoptilus melanodonta, ♂ $\frac{5}{8}$.

extremity, the tibia with large tuft at extremity; mid tibiae with tufts at middle and extremity; hind tibiae with three tufts; abdomen very long with lateral tufts of scales at extremity of segments. Fore-wing bifid to near middle, the lower plume falcate at extremity; a very large scale-lobe on inner margin below end of cell; vein 3 absent; 5 absent; 6 from below upper angle of cell; 7-8 stalked; 9-10 absent; 11 from cell. Hind-wing trifid, the upper excision to two-thirds, the lower to near base; the inner margin with large

scale-tooth at one-third and very large scale-lobe at two-thirds ; veins 3, 5 and 6 absent.

Nearest to *Trichoptilus*, Wlsm.

Titanoptilus melanodonta, n. sp.

♂. Head, thorax and abdomen clothed with grey, brown and black scales. Fore-wing greyish suffused with dark brown and irrorated with rough black scales ; a whitish mark at base of excision, the fringes of scales below upper plume and above lower black and whitish ; the lobe on inner margin formed of large black scales, the lower plume fringed below with black and whitish scales and with a scale-tooth before its falcate extremity. Hind-wing greyish suffused with dark brown ; a few black scales in the fringes below and at extremity of the two upper plumes ; the inner margin with the long spatulate scales of the scale-tooth and lobe pale at base, black at extremities ; a tuft of black scales at extremity of plume with the fringe on inner margin before it white.

Hab. BRITISH E. AFRICA, N'dimu, Uganda Ry., mile 469. (Betton), ♂. Exp. 42 mm. Type in B. M.